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## Surface Waters Seminars Spring 2025

When Mondays, 11:00 - 12:00am

Where Eawag Kastanienbaum, Seminar room Seeheim & online via Zoom Please contact ceeb@eawag.ch for access details.

February 10

Kastanienbaum Seminar\*

Projections of climate impacts on hydrodynamics, water quality, and fish habitats in aquatic systems

Prof. Dr. Xing Fang

Department of Civil and Environmental Engineering, Auburn

University

Host: Damien Bouffard

February 17

Boathouse meeting room

Environmental history of Eastern Thailand: exploring mangrove and peat swamps through molecular and sediment analysis

Kannika Wangritthikraikul

Dept. of Surface Waters, Eawag / ETH Zurich

Host: Nathalie Dubois

March 3

Isochrysidales bloom dynamics in Swiss lakes: Towards an alkenone paleothermometer for mid-latitude lakes.

Lisa Marchand

Dept. of Surface Waters, Eawag / ETH Zurich

Host: Nathalie Dubois

March 10

Identifying new biomarkers for methanotrophs in lakes

Lorenzo Cellino

Dept. of Surface Waters, Eawag / ETH Zurich

Host: Nathalie Dubois

March 17

Kastanienbaum Seminar\*

Phytoplankton to compete in a warming world? Ecological and evolutionary responses to resource limitation and

temperature across scales

Dr. Anita Narwani

Dept. of Aquatic Ecology Eawag

March 24 Modelling the Evolution of Drug Resistance: A Cross-

**Taxonomic Perspective.**Prof. Dr. Barbora Trubenová

Dept. of Aquatic Ecology Eawag / ETH Zurich

April 7 Diatom-bound nitrogen isotope ratios: A novel proxy in

limnogeology for the reconstruction of the lacustrine

**nitrogen cycle** Dr. Anja Studer

Dept. of Environmental Sciences, University of Basel

Host: David Janssen

April 28 Phenology of lake denitrification and its sensitivity to future

warming

Dr. Cameron Callbeck

Dept. of Environmental Sciences, University of Basel

May 12 Exploration of Antimicrobial Resistance in Environmental

Waters - Perspectives into Environmental Dynamics and

**Advanced Analysis Techniques** 

Dr. Matthew Blair & Dr. Sasikaladevi Rathinavelu

Dept. of Surface Waters, Eawag

May 26 to be confirmed

Dr. Sabine Hoffmann

Dept. of Environmental Social Sciences, Eawag

<sup>\*</sup>Kastanienbaum Seminars are more general and addressed also to the Department of Fish Ecology & Evolution